

VOLUME I
PERFORMANCE FLIGHT TESTING

APPENDIX C-2
PITOT-STATIC CHARTS

APR 1967

DTIC QUALITY INSPECTED 4

19970122 051

USAF TEST PILOT SCHOOL
EDWARDS AFB, CA

DISTRIBUTION STATEMENT A	
Approved for public release; Distribution Unlimited	

APPENDIX C-2

PITOT-STATIC CHARTS

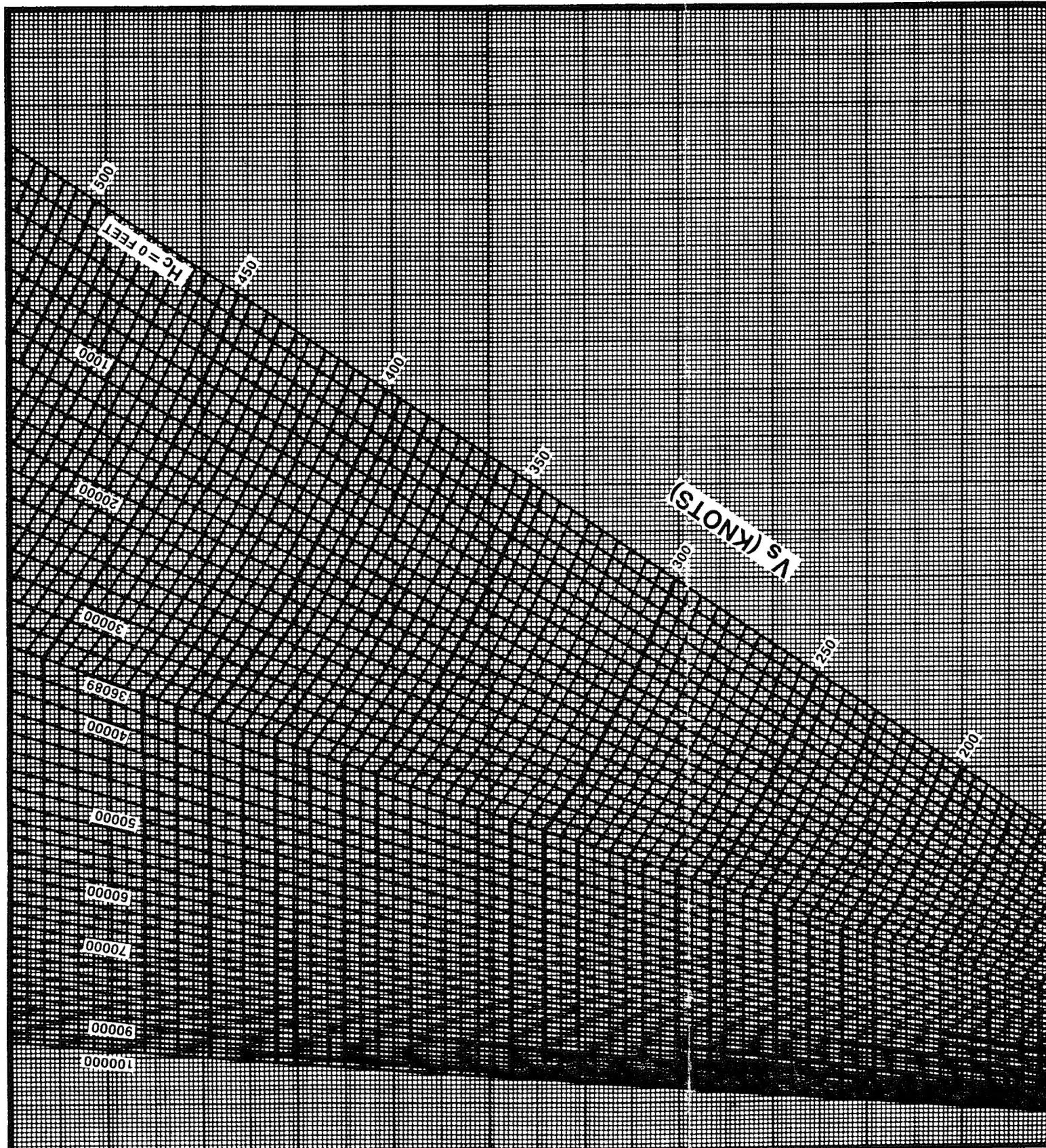
Mach Number M versus Calibrated Airspeed V_c for

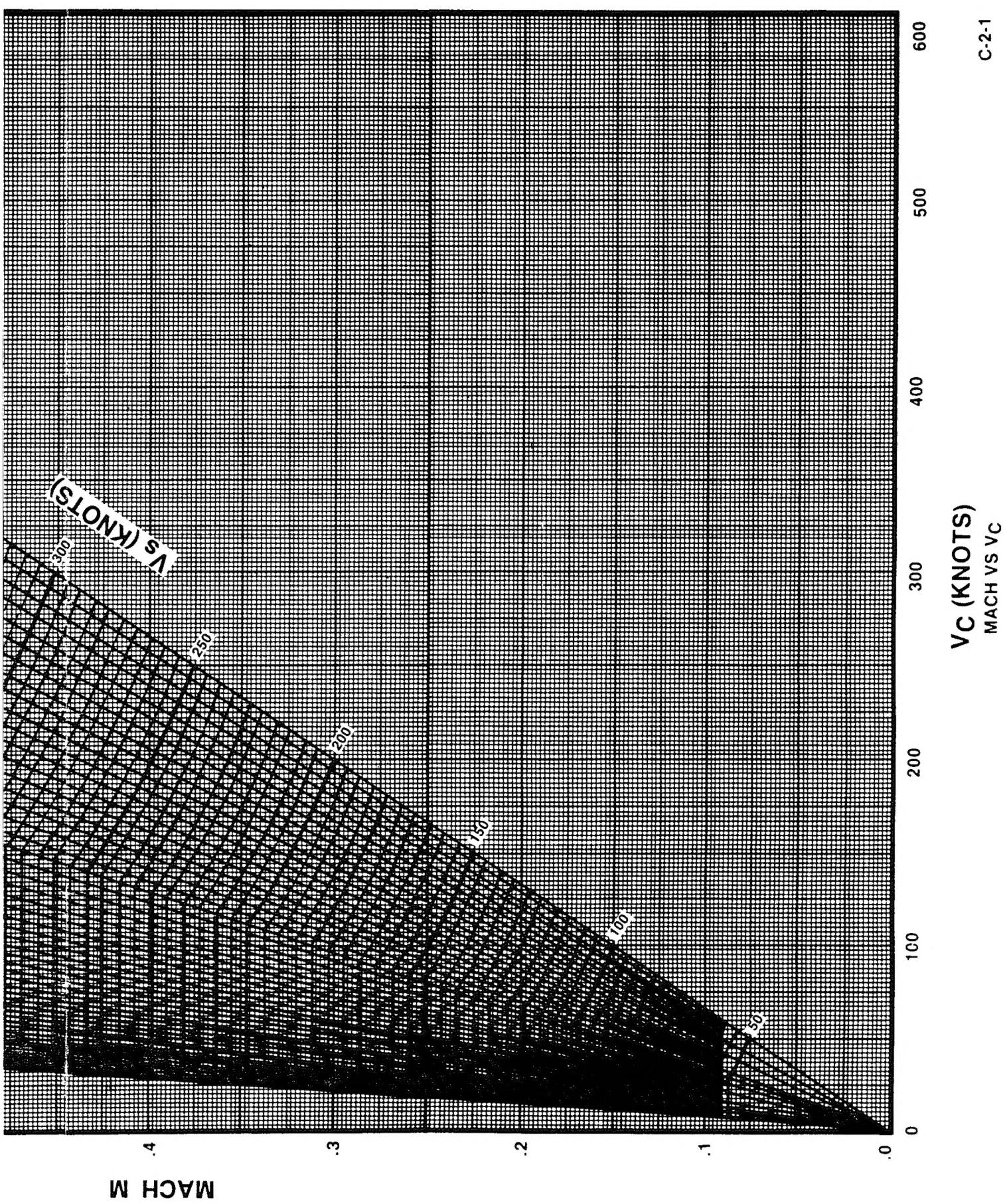
Pressure Altitude H_c = Constant with Lines of

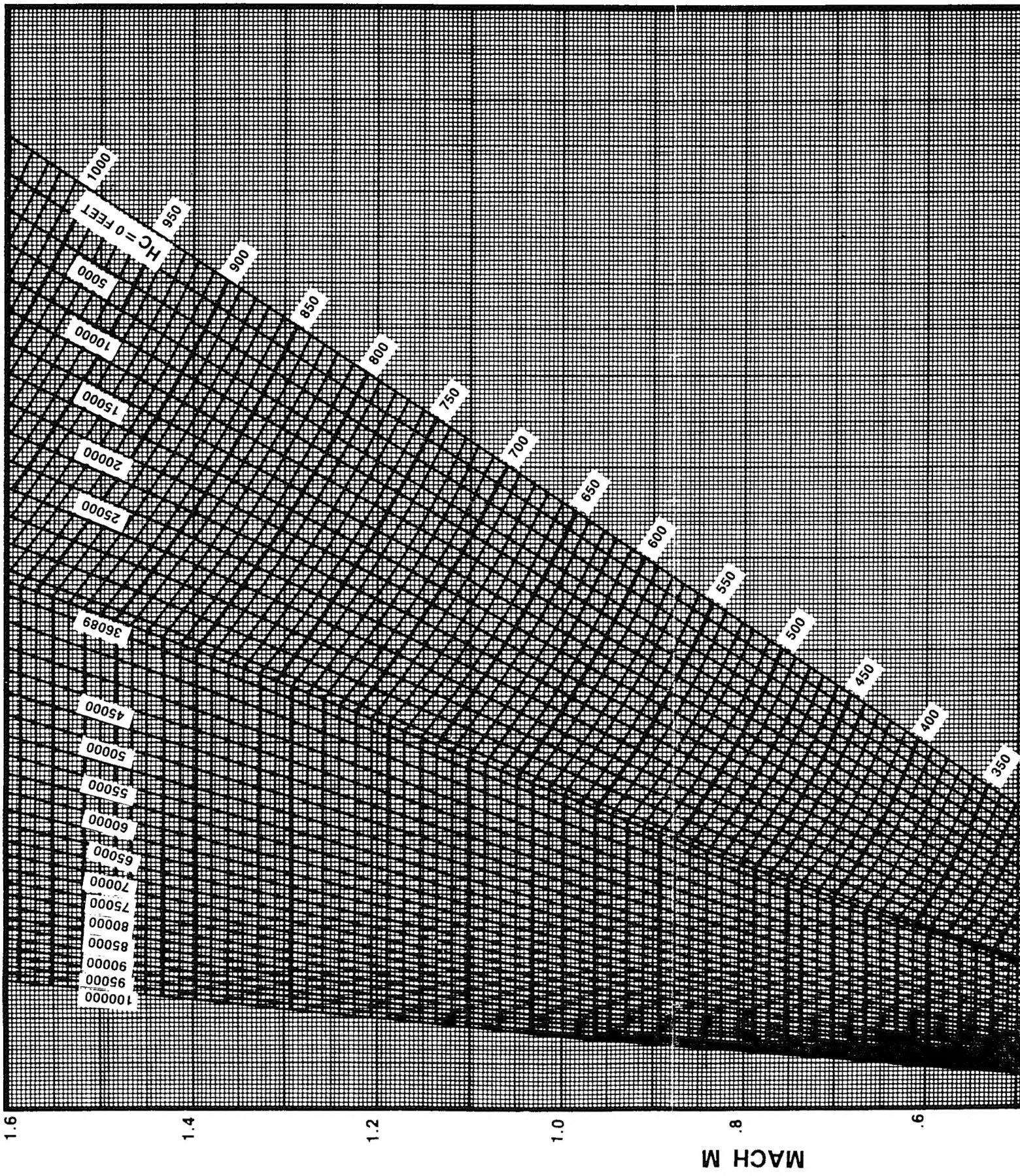
Standard Day True Speed V_s = Constant.

(Also M_{ic} versus V_{ic} for H_{ic} = Constant)

APRIL 1967







C-2-2

V_C (KNOTS)
MACH VS V_C

1200

1000

800

600

400

200

0

MACH M

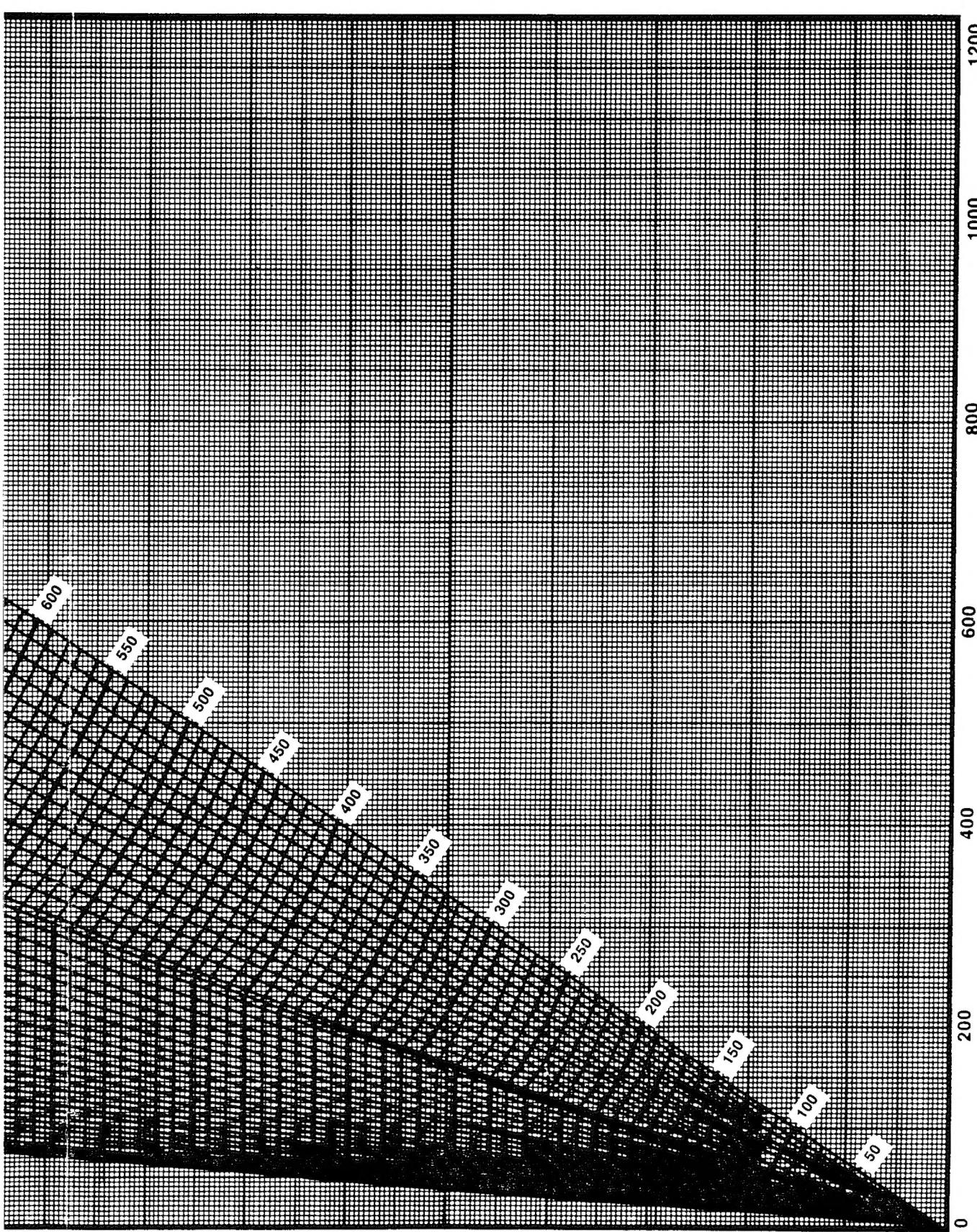
.8

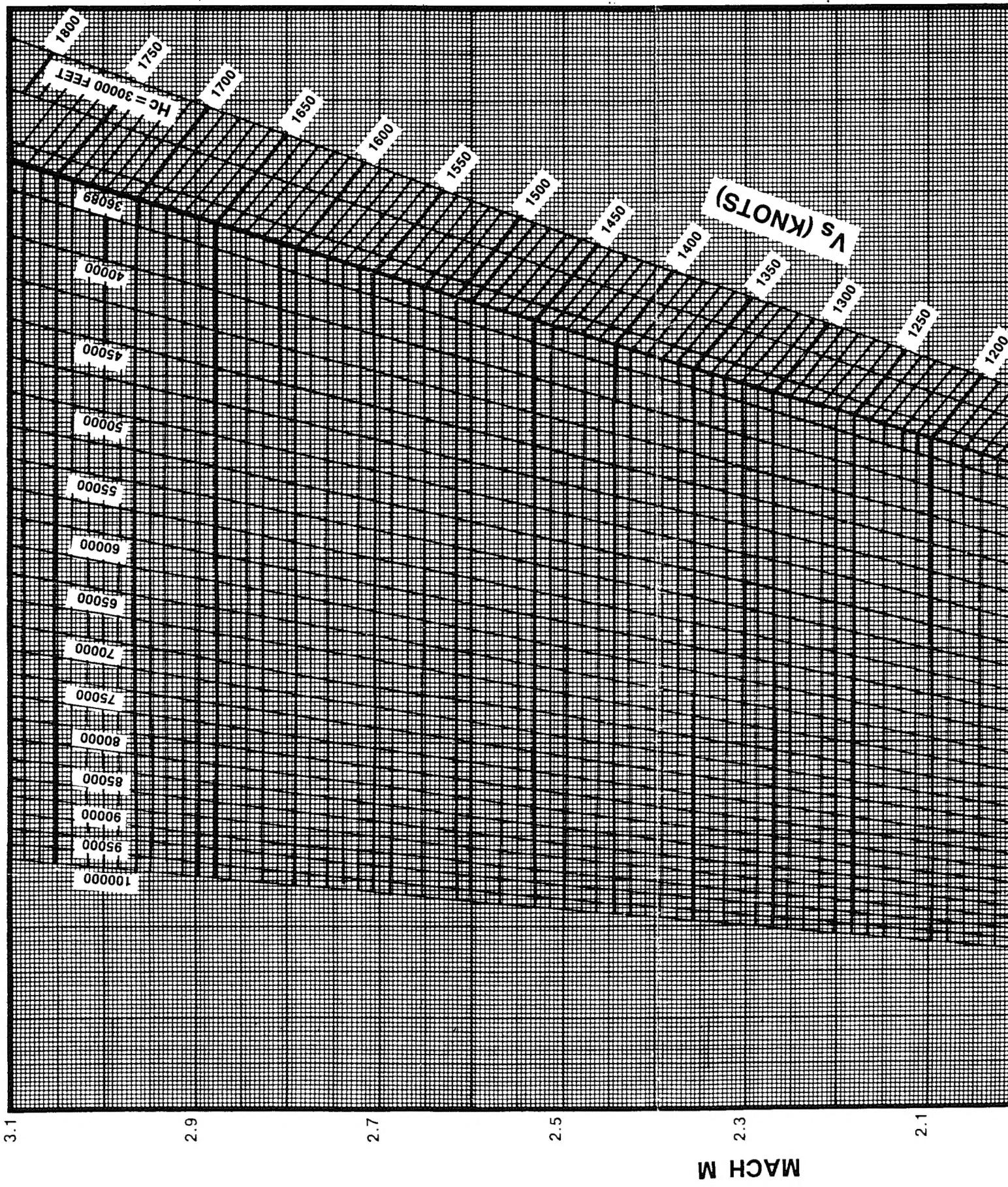
.6

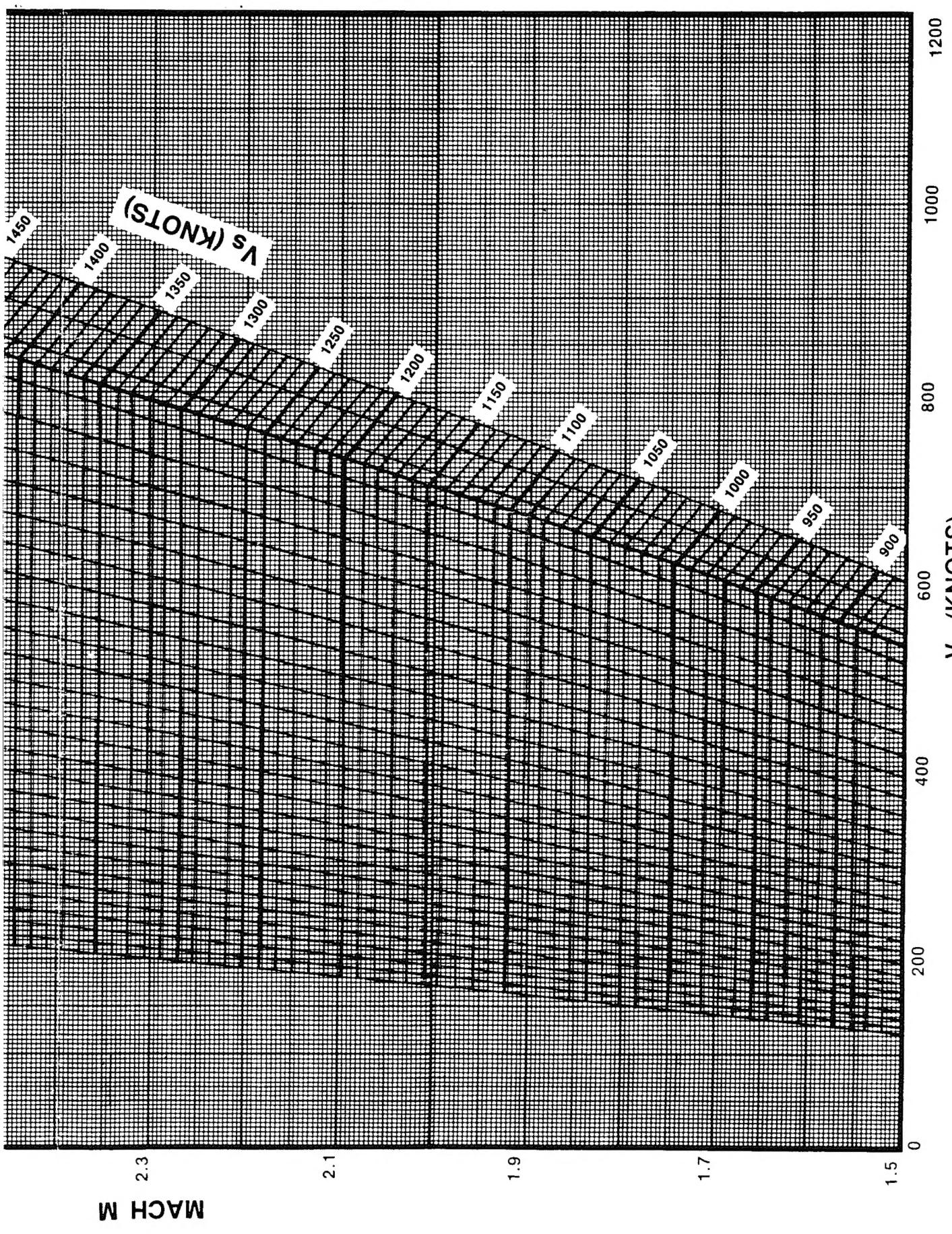
.4

.2

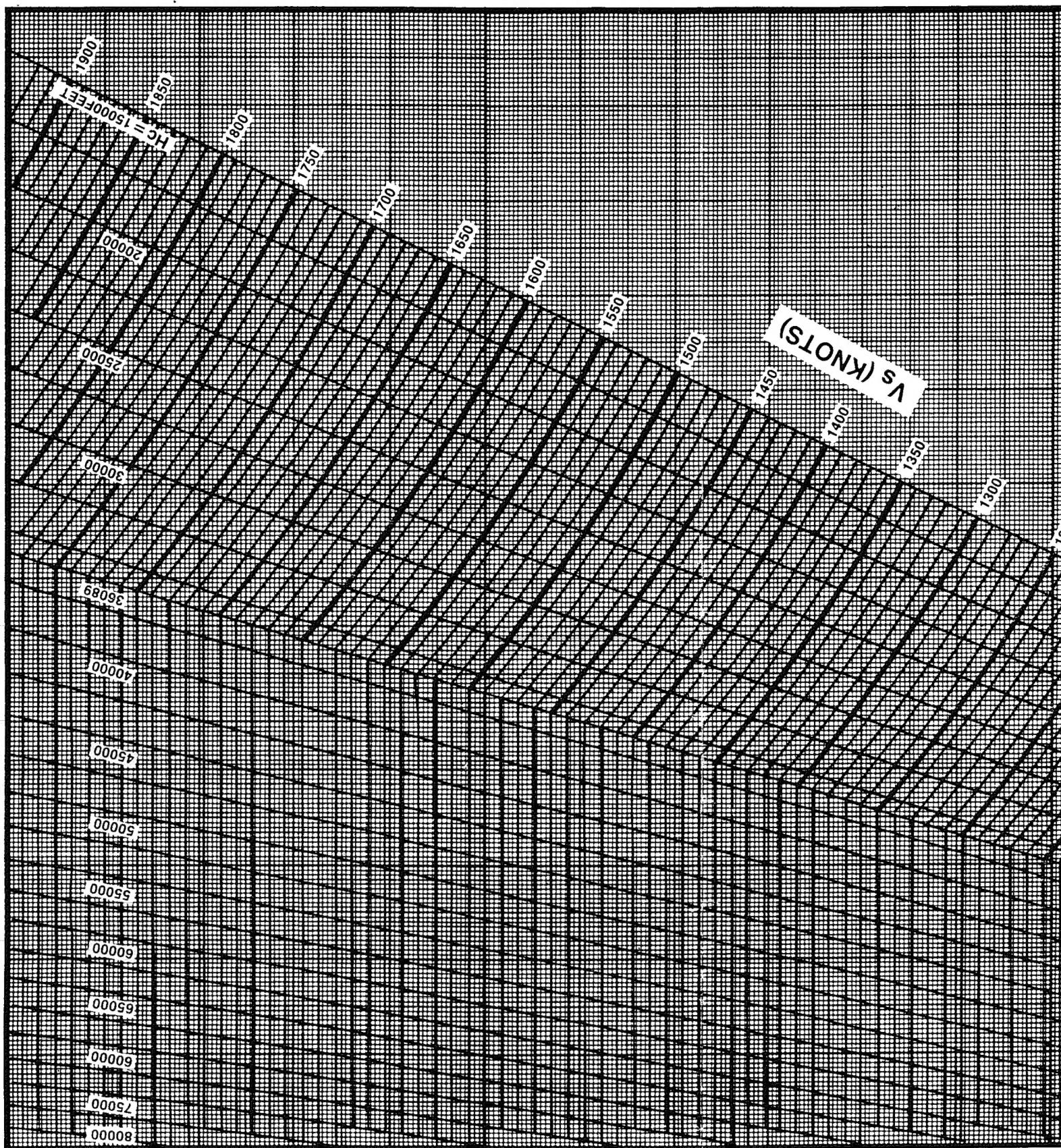
.0







C-2-3
MACH vs V_c



3.1

2.9

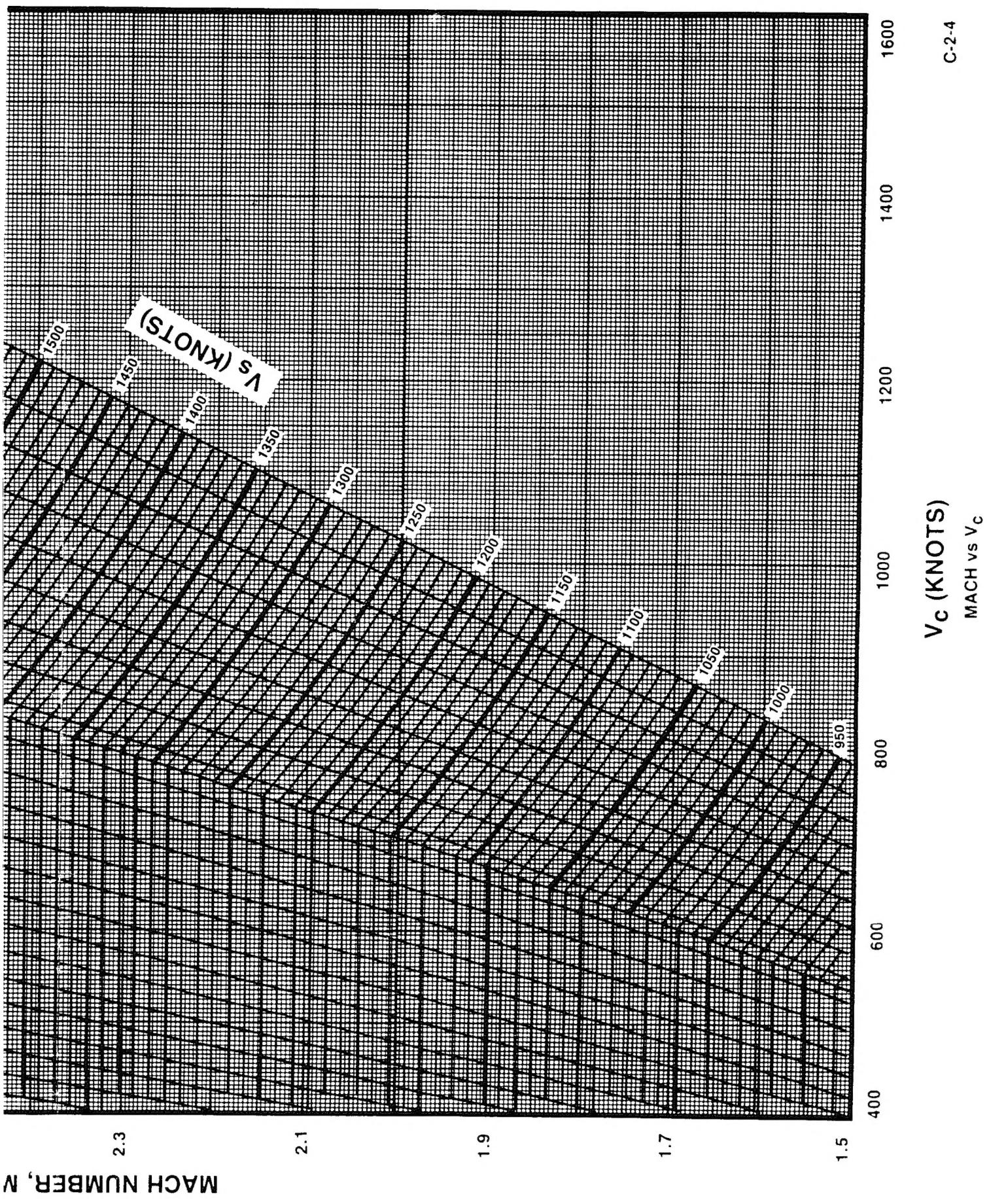
2.7

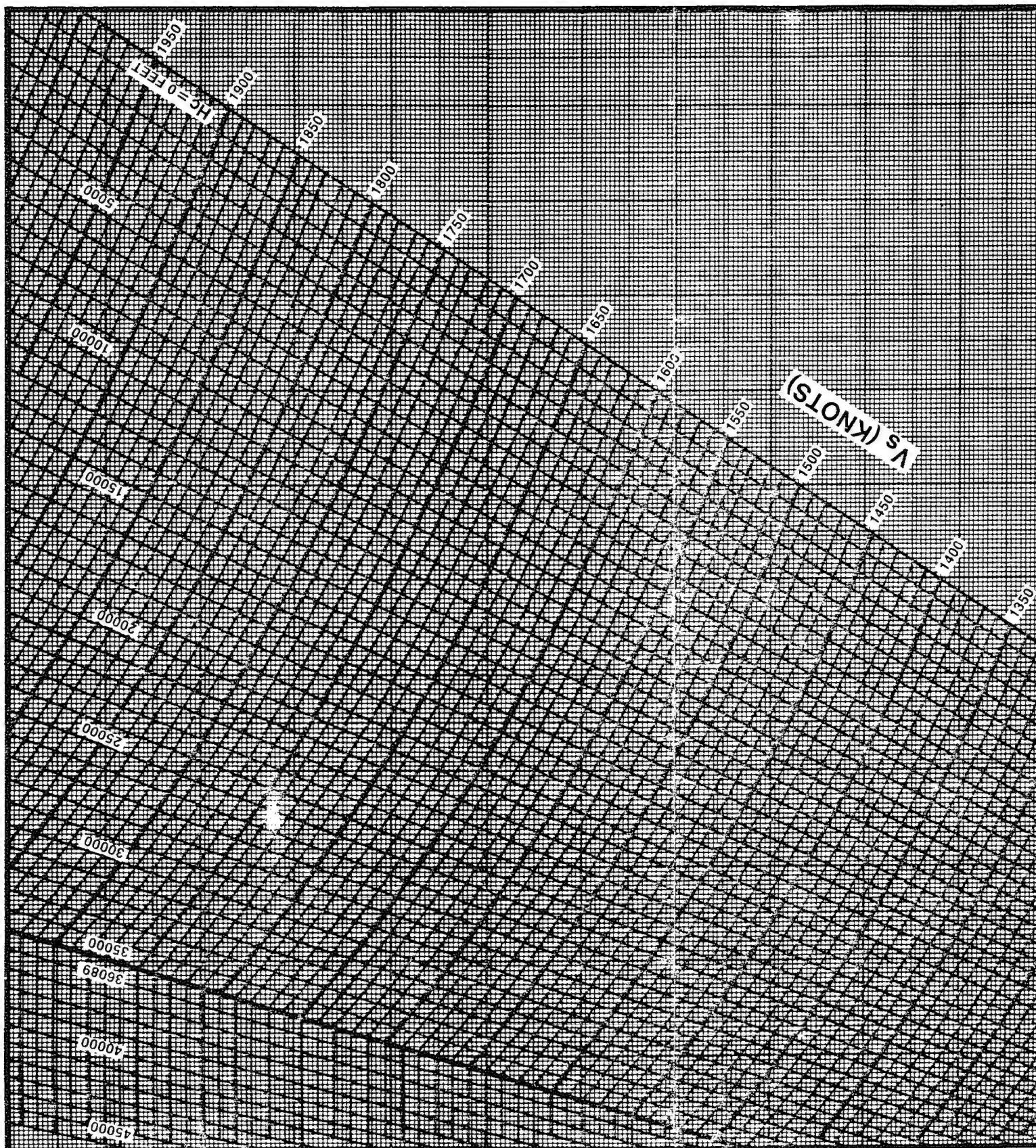
2.5

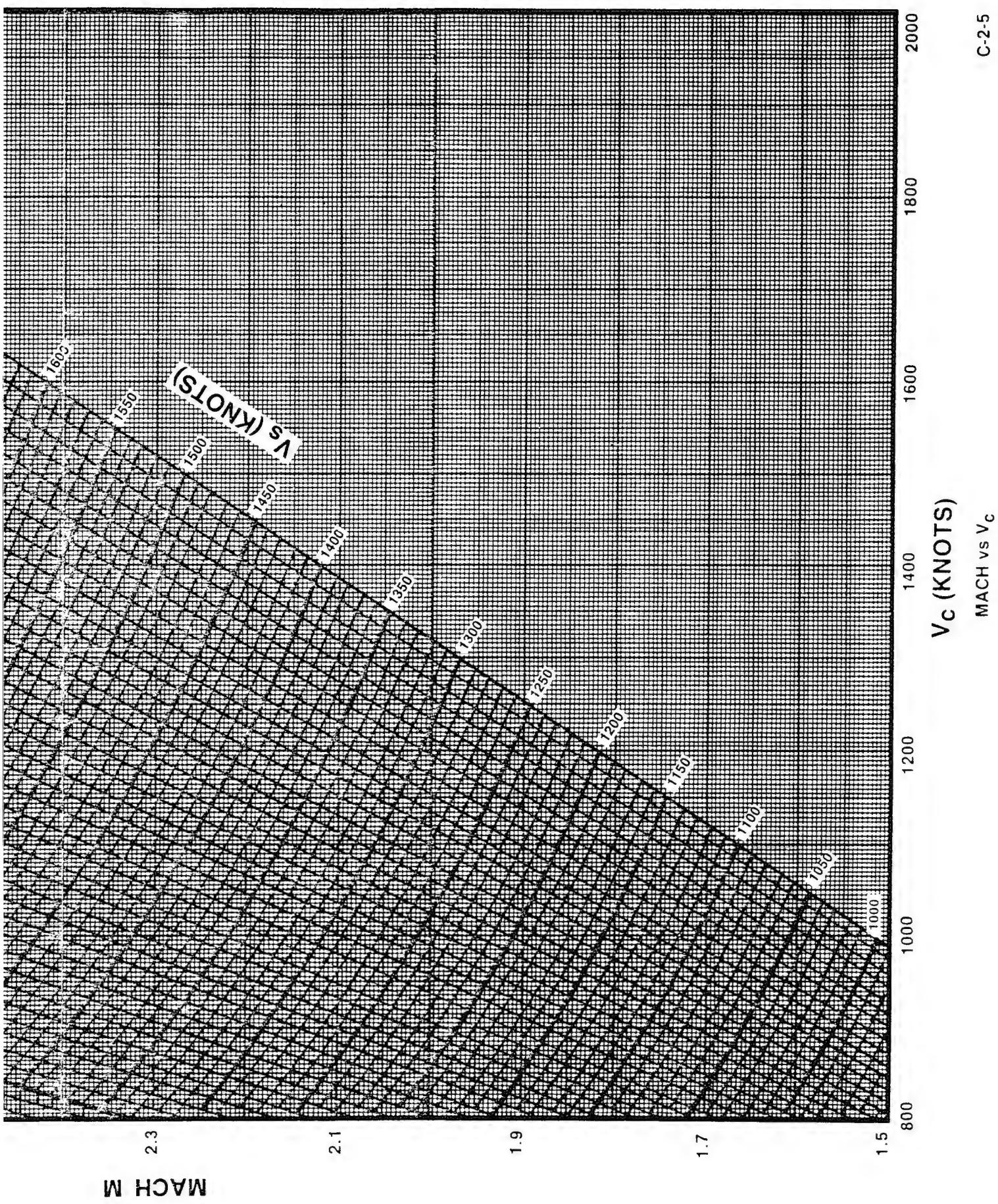
2.3

2.1

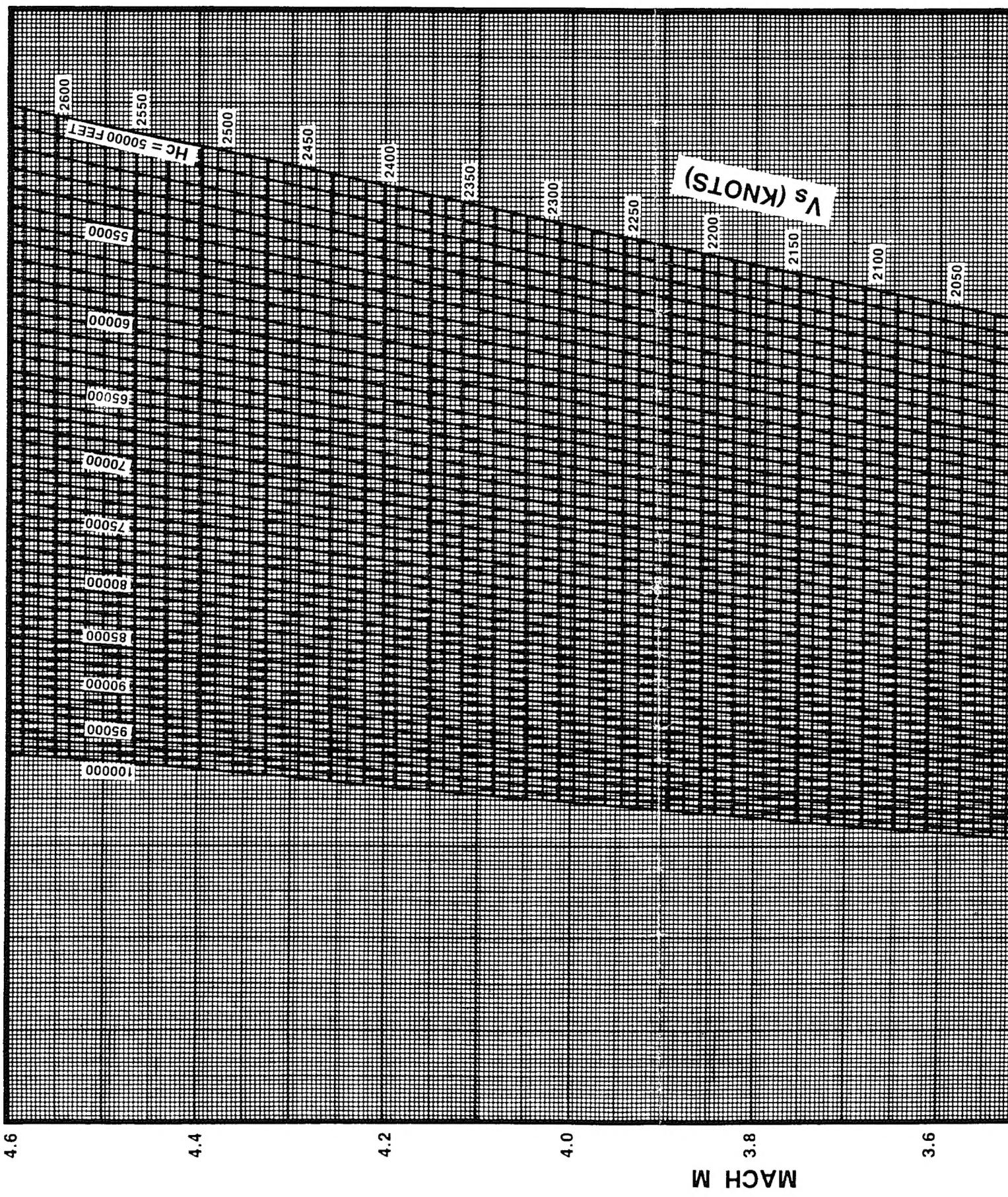
MACH NUMBER, M

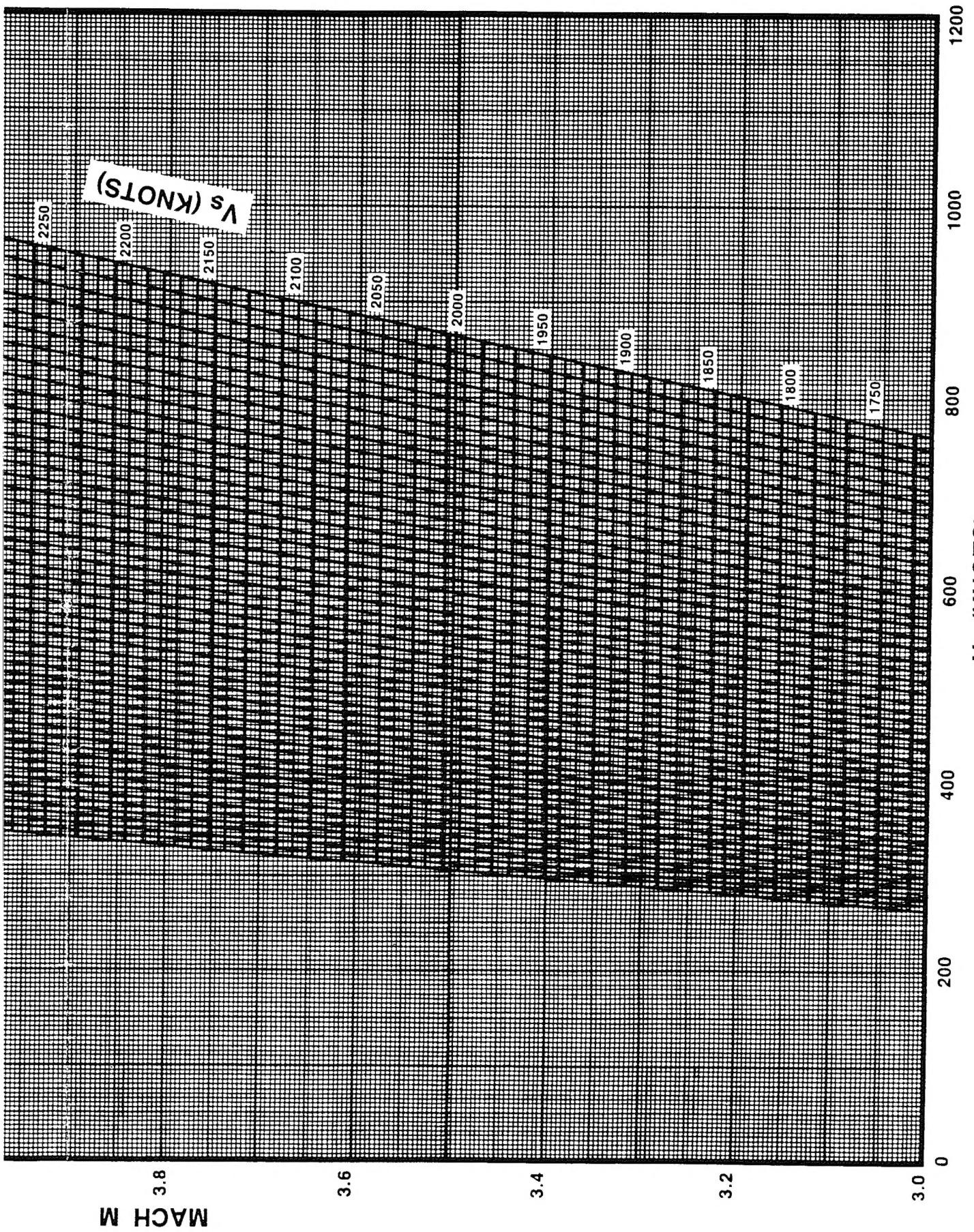






C-2-5





MACH vs V_c

C-2-6

